

## Appliances properties: Lohberger GmbH - ZEH 90.4

### Master data

|                                            |                                         |
|--------------------------------------------|-----------------------------------------|
| Date of entry                              | Jul 26, 2022                            |
| Manufacturer                               | Lohberger GmbH                          |
| Model                                      | ZEH 90.4                                |
| Nominal heat output [kW]                   | 20                                      |
| Declared nominal space heating output [kW] | 6                                       |
| Nominal water heating output [kW]          | 14                                      |
| Water operating pressure [bar]             | 3                                       |
| Continuous burning appliance               | —                                       |
| Type test standard                         | DIN EN 12815                            |
| Year of testing                            | 2010                                    |
| Test laboratory                            | TGM-Versuchsanstalt Heizung und Lüftung |
| Number of test laboratory                  | 26                                      |
| Number of test report                      | TGM-VA HL 7805, TGM-VA HL 8155          |



### Flue gas values

|                             | Wood |
|-----------------------------|------|
| Flue gas mass flow [g/s]    | 15   |
| Flue gas mass flow [g/s]    | 246  |
| Necessary flue draught [Pa] | 20   |

### Further important characteristics of the appliance

|                                                             |   |
|-------------------------------------------------------------|---|
| Suitability for installation to a shared flue <sup>1)</sup> | ✓ |
| Connectivity to the central heating system                  | ✓ |
| General technical approval for room sealed operation        | — |
| Type of appliance acc. EN 16510-1                           | — |

<sup>1)</sup> For unsealed operation it is possible to install the appliances to a shared flue system (please see installation manual).

On behalf of the manufacturer, the HKI Industrieverband e.V. hereby confirms compliance with the respective requirements\* in accordance with 1.BImSchV. The type test report of the fireplace has been submitted to the HKI Industrieverband e.V.

\* A green check mark with a „1“ indicates that the requirements of the 1st BImSchV are fulfilled, a green check mark with a „2“ indicates that the 2nd level of the 1st BImSchV is fulfilled. A yellow check mark shows that the transitional regulation of the 1st BImSchV is fulfilled and a red line means that the 1st BImSchV is not fulfilled.

## Evaluation of emission data and efficiency Wood

| EU-Cooker according to EN 12815                   | Evaluation                     |
|---------------------------------------------------|--------------------------------|
| EU - Regulation (EU) 2015/1185 (Ecodesign)        | ✓                              |
| D - 1.BImSchV                                     | ✓<br>Stufe 2<br>Grandfathering |
| A - Austrian regulation referred to Art. 15a B-VG | ✓                              |
| CH - Swiss clean air act                          | ✓                              |
| F - Crédit d'impôt à la transition énergétique    | ✓<br>7★                        |
| I - Italian Decree No. 186                        | ✓<br>★★★                       |

## Evaluation of emission data and efficiency Lignite briquettes

| Norm : Cookers | Evaluation |
|----------------|------------|
| D - 1.BImSchV  | !          |

## Emission evaluation legend

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-  Stufe 2 Compliant with the requirements of the 2nd stage of the 1.BImSchV (only for Germany)
-  Stufe 1 Compliant with the requirements of the 1st stage of the 1.BImSchV (only for Germany)
-  2015 Compliant with the requirements of the Austrian Agreement pursuant to Art. 15a B-VG from 2015 (applies only to Austria)
-  7★ Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 7\* of the Flamme Verte Label
-  6★ Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 6\* of the Flamme Verte Label
-  5★ Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 5\* of the Flamme Verte Label
-  ★ Compliant with the requirements of the 1 star stage in Italy.
-  ★★ Compliant with the requirements of the 2 star stage in Italy.
-  ★★★ Compliant with the requirements of the 3 star stage in Italy.
-  ★★★★ Compliant with the requirements of the 4 star stage in Italy.
-  ★★★★★ Compliant with the requirements of the 5 star stage in Italy.
-  Fulfils the requirements
-  Complies with requirements of the transition ruling (1.BImSchV)
-  Requirements are not fulfilled
-  No information/unknown
-  No measuring values are available for this fuel, operation with this fuel is not permitted

No symbol means that there are no requirements.

Here you will find further information